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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Nicholas F. Busch **EXAMINER:** LEDYNH, BOT L.
SERIAL NO.: 10/772,171 **GROUP:** 2862
FILED: 02/04/2004 **ATTY DKT NO.:** H0006870
TITLED: BALANCED MAGNETIC LINEAR DISPLACEMENT SENSOR

CERTIFICATE OF MAILING**Please forward all correspondence to:**

Honeywell International, Inc.
101 Columbia Road
P.O. Box 2245
Morristown, NJ 07962-2245

I hereby certify that this correspondence is
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Kermit Lopez

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENTS, REPLY AND REQUEST FOR RECONSIDERATION

Dear Sir:

In response to the Office Action dated August 18, 2004 in the above captioned matter, the Applicant presents the following remarks and amendments to the claims.

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.